



Name of Vessel

CM Trader
 Port of Registry / Flag
 Aktau / Kazakhstan
 IMO# / MMSI
 8872514 / 436000132
 Year of Delivery
 1995 converted

Type
 Product/Type A Chemical Tanker

Classification
 RMRS KM* L4R2-RSN Oil Tanker (>60°C)
 Chemical Tanker Type 2 (Vegetable Oil) (ESP)

Length over all (LOA)
 89.673m (81.40m BP)

Breadth / Depth / Draft (Light/Max)
 12.0m / 5.8m / 2.3m / 4.0m

GRT / NRT / DWT
 1910T / 593T / 2721T

Speed (Max/Economic)
 10.5 knots / 7.5 knots

Endurance
 30 days

Accommodation
 Fully heated & air conditioned for 13 men in 1 x Four, 1 x Two, & 7 x Single berth cabins.

Lifesaving
 To meet SOLAS requirements. Including an ISC Pella Fiord enclosed 18 man free fall lifeboat mounted aft with Bukh DV26RME diesel drive engine

Vessel Fuel / Fresh Water / Sewage / Bilge Water / Ballast /

84,28m³ / 97.3m³ / 32.4m³ / 9.2m³ / 693m³

Cargo Tank Capacities: Diesel Fuel
 Tank 1: 470.49m³ Tank 5: 482.75m³
 Tank 2: 420.29m³ Tank 6: 431.20m³
 Tank 3: 413.80m³ TOTAL: 2588.14m³
 Tank 4: 369.63m³

Fuel Cargo Pump
 2 x Marflex PD-150 'deepwell' pumps. Capacity 150m³/hr. 75 kW power.

Treated Water Cargo Pumps
 1 x OMS 25-14. Capacity 25m³/hr. 2350rpm.

Main Engines

2 x MAN B&W 6T 23LU-2 medium speed six cylinder diesel engines producing 919.4kW (1233bhp) total @ 800rpm fitted with MAN B&W NR 20/S Turbo Chargers

Propulsion
 2 x Litostraj Renk type AW8-56 reverse reduction gearboxes with 2:1 ration coupled to four bladed 1680mm diameter, 1200mm pitch FPP rotating @400rpm

Generators
 3 x main Diesel Generators, Habarousk DGRA 100/750 6CH 18/22 / Russian diesel, 114kW (155bhp) @ 750rpm.
 1 x Emergency generator, Habarouski 6C 12/14 D6A-50M1/9P, 50kW (67bhp) @ 1500rpm.

M.E. Consumption
 3800 litres MGO and 5 litres lube oil per 24 hours @ full power. 3000 litres MGO and 3 litres lube oil per 24 hours @ economic cruising speed of 7.5 knots

Generator Consumption
 400 litres MGO and 1 litre lube oil per 24 hours (per machine).

Fuel Oil Purifier
 Westfalia OSA 7/5 with capacity of 1800l/h.

Lube oil Separator
 Westfalia OSA 7/5 with capacity of 580l/h.

Oily Water Separator
 TEF 05-S with capacity of 0.5 m³/hr.

Main Boiler
 J. Jackovich steam boiler with capacity of 50m³/hr @ 5 Bar. 250kW effective heating power.

Main Air Compressor
 JP Sauer P25 L. Capacity 24.5 m³/h @ 30 Bar.

Main Fire Pump
 1 x Russian NHB 40/80. Capacity 40m³/h @ 2900rpm & pumping head of 7m.
 1 x Russian SCVN 100-5. Capacity 60m³/h @ 1450rpm & pumping head of 7m. Vessel fitted with 4 self drenching fire monitors

providing a minimum of 10 litres water/m²/minute.

Emergency Fire Pump
 1 x Russian NHB-63. Capacity 63m³/h @ 2949rpm & pumping head of 8m.

Portable Emergency Fire Pump
 1 x WOD Centrifugal. Capacity 15m³/h @ 1500rpm & maximum discharge pressure of 5 bar.

Steering Gear
 BTB Twin tied rudders with twin rams and two independent HPU's.

Anchor Windlass
 Hydraulic 'Sava' M. Mitrovica.

Anchors
 2 x 1250kg HHP Stockless anchors

Anchor Chain
 Studlink of diameter 34mm. Port anchor 5 shackles, Starboard anchor 4 shackles.

Cutting Equipment
 Two bottles oxygen and one bottle Propane complete with cutting torch.

Navigation Equipment
 Radar: Racal Decca Bridge Master FB 3741
 Radar: JAMA 606EA no. LK58473
 Giro: Meridian no.23521
 Autopilot: PILOTARA D no.2246
 Echo Saunders: FRUÑO FE-700 no. 2232-2483
 GPS: GPS NAVEGADOR - 500

Radio Communication Equipment
 3 x VHF Furuno FM 8500.
 1 x MF/HF DSC Encoder Furuno DP - 6
 1 x MF/HF DSC Receiver Furuno DSC-60
 1 x Radio receiver & transmitter for telephony FURUNO FS 1565 - 15
 1 x NAVTEX receiver J - NAV - 500
 1 x EPIRB Musson, APB - M - 406
 3 x Two Way VHF, ICOM, GM - 1500
 2 x INMC Felcom 12

Other Navigation Equipment
 Radar, Transponder: Musson - 502
 P.A. System c/w Fog Horn Signal, Anemometer. Fleetbroadband 150

All details given in good faith and are believed to be correct, but not guaranteed

